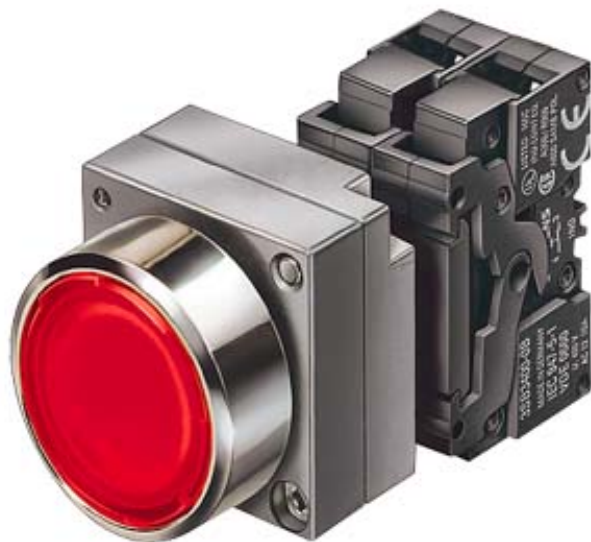




22MM METAL ROUND COMPLETE UNIT COMBINATION:  
ILLUMINATED PUSHBUTTON MOMENTARY CONTACT  
TYPE WITH FLAT BUTTON ILLUMINATED WITH  
INTEGRATED LED 230V AC SCREW TERMINAL,  
1NO+1NC WITH HOLDER BLUE

### Enclosure:

Material / of the enclosure

metal

Form / of the enclosure front

round

### Actuator / signaling device:

Design of the product

Complete unit, round

Design of the operating mechanism

Illuminated pushbutton

Type of unlocking device

without

Material / of the activation element

plastic

Shape / of the activation element

Flat pushbutton

Number of switching positions

2

Product component / front ring

Yes

Material / of the front ring

metal

Color / of the front ring

silver

Design of the front ring

Standard

### Holder:

Material / of the holder

Metal

### Contact block / lampholder

Design of the electrical connection

screw-type terminals

|                                                         |  |                |
|---------------------------------------------------------|--|----------------|
| Number of switching elements                            |  | 1              |
| Number of NC contacts / for auxiliary contacts          |  | 1              |
| Number of NO contacts / for auxiliary contacts          |  | 1              |
| Number of change-over switches / for auxiliary contacts |  | 0              |
| Product function / positive opening                     |  | Yes            |
| Number of lampholders                                   |  | 1              |
| Execution of the mounting                               |  | integrated LED |
| Product component / fluorescent materials               |  | Yes            |
| Product extension / optional / fluorescent materials    |  | Yes            |

#### Accessories:

Product component / holder for 3 switching elements

Yes

#### General technical details:

Type of voltage / of the supply voltage / of the fluorescent material

AC

Supply voltage / 1 / of the fluorescent material

- at 60 Hz / for AC / rated value
- at 50 Hz / for AC / rated value

V  
V

230  
230

Type of voltage / of the operating voltage

AC

Operating voltage

- rated value

V

190 ... 265

Operating current

- at AC-12
  - at 24 V / rated value
  - at 48 V / rated value
  - at 110 V / rated value
  - at 230 V / rated value
  - at 400 V / rated value
- at AC-15
  - at 24 V / rated value
  - at 48 V / rated value
  - at 110 V / rated value
  - at 230 V / rated value
  - at 400 V / rated value
- at DC-12
  - at 24 V / rated value
  - at 48 V / rated value
  - at 110 V / rated value
  - at 230 V / rated value
- at DC-13

A  
A  
A  
A  
A  
  
A  
A  
A  
A  
A  
  
A  
A  
A  
A

10  
10  
10  
10  
10  
  
6  
6  
6  
6  
3  
  
10  
5  
2.5  
1

|                                                                                                                                                                                                                                                               |                 |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------|
| <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 48 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 230 V / rated value</li> <li>• for devices without incandescent lamp / according to IEC 60068-2-27</li> </ul> | A               | 3                               |
|                                                                                                                                                                                                                                                               | A               | 1.5                             |
|                                                                                                                                                                                                                                                               | A               | 0.7                             |
|                                                                                                                                                                                                                                                               | A               | 0.3                             |
|                                                                                                                                                                                                                                                               |                 | <= 50g                          |
| <b>Resistance against vibration / according to IEC 60068-2-6</b>                                                                                                                                                                                              |                 | 20 ... 200 Hz: 5g               |
| <b>Operating cycles / maximum</b>                                                                                                                                                                                                                             | 1/h             | 1,000                           |
| <b>Mechanical operating cycles as operating time / typical</b>                                                                                                                                                                                                |                 | 3,000,000                       |
| <b>Item designation</b> <ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>                                                                   |                 | S<br>S                          |
| <b>Tightening torque / of the screws in the bracket / maximum</b> <ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>                                                                                              | N·m<br>°C<br>°C | 1<br>-25 ... +70<br>-40 ... +80 |
| <b>Protection class IP</b>                                                                                                                                                                                                                                    |                 | IP67                            |
| <b>climatic class / during the operating phase / according to EN 60721</b>                                                                                                                                                                                    |                 | 3K6                             |
| <b>Type of mounting</b>                                                                                                                                                                                                                                       |                 | front mounting                  |
| <b>Shape / of the installation hole</b>                                                                                                                                                                                                                       |                 | round                           |
| <b>Installation width</b>                                                                                                                                                                                                                                     | mm              | 28.5                            |
| <b>Mounting diameter</b>                                                                                                                                                                                                                                      | mm              | 22                              |
| <b>Mounting height</b>                                                                                                                                                                                                                                        | mm              | 12                              |
| <b>Mounting depth</b>                                                                                                                                                                                                                                         | mm              | 63                              |

#### Certificates/approvals:

##### General Product Approval



CCC



CSA



GOST



UL

##### Test Certificates

[Special Test Certificate](#)

##### Shipping Approval



ABS



DNV



LRS



PRS



RINA

##### other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

#### Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

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**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrial-controls/mall>

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**Cax online generator:**

<http://www.siemens.com/cax>

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**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3SB3655-0AA51/all>

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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3655-0AA51](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3655-0AA51)

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**last change:**

Jan 21, 2013